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(54) Title: PROCESS FOR THE PREPARATION OF ARYL DIAZONIUM SALTS AND REACTION WITH NUCLEOPHILES

(57) Abstract: A process for performing nucleophilic substitution reactions on aryl diazonium salts or derivatives thereof wherein the aryl diazonium salt is first generated in an aqueous solvent system followed by partitioning of the aryl diazonium salt with a hydrophobic ionic liquid thereby allowing subsequent reaction of the aryl diazonium salt with an appropriate nucleophilic species in the hydrophobic ionic liquid to the desired product without the need to first isolate the aryl diazonium salt.